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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/072,647

02/06/2002

Timothy Tianyi Chen

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04/10/2008

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EXAMINER

CARLSON, JEFFREY D

ART UNIT

PAPER NUMBER

3622

MAIL DATE

DELIVERY MODE

04/10/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/072,647	Applicant(s) CHEN, TIMOTHY TIANYI	
	Examiner Jeffrey D. Carlson	Art Unit 3622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 January 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to the papers filed 1/22/2008.

Claim Rejections - 35 USC § 103

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 103 that form the basis for the rejections under this section made in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. **Claims 1-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over van der Riet (US7158943) in view of Hohle et al (US20020046116).**

Van der Riet enjoys the benefit of earlier filed provisional application 60/316268. Regarding claims 1-4, 11-13, van der Riet teaches a system that creates user profiles by tracking consumer activity, presents retailers' advertising targeted to users based on their profiles, provides loyalty rewards to users for enabling their shopping to be tracked after exposure to an advertisement, and calculates advertising effectiveness for the retailers according to ad exposure and associated purchasing [abstract, columns 5-6]. 60/316268 by van der Riet does not appear to teach tracking of *offline* purchasing as a means to further develop the user profile, nor is a physical card taught as a means of tracking loyalty. van der Riet does however teach identification of consumers and tracking of their purchase histories and behaviors (holistic consumer profiles) and delivery of targeted advertising to them according to those identified/matched profiles [pg 5 – "key ideas" of 60/316268]. Consumers are rewarded for the use of their holistic

profiles by personalized ad-based information – “best compared with that of an activity based loyalty point system” [pg 6 #13, pg 9, #9 of 60/316268]. While van der Riet teaches what amounts to loyalty profiles and a loyalty system for online retailers, there is no mention of a loyalty identification card used in the offline retail locations. Hohle et al teaches the use of identification/loyalty cards *for online and offline* purchasing in a loyalty system [0027]. It would have been obvious to one of ordinary skill at the time of the invention to have used any type of identification card including those described by Hohle et al so that unique identified consumer profiles of van der Riet can also include offline purchasing tied to the identified consumer) be uniquely associated and tracked as desired. One of ordinary skill would recognize that this would provide more accurate user profiles, leading to more effective targeted advertising and would enable customers to earn loyalty rewards for online and offline consumer activities.

Regarding claim 5, it is inherent that the on-going operation of van der Riet includes repeated targeting of effective ads.

Regarding claims 6, 14, the ability to measure the effectiveness for an ad in association with purchase data is taken to include at least capture of the item purchased in the consumer transactions.

Regarding claims 9, 10, the system of van der Riet is capable of serving many different retailers and is taken to be an third party/administrator system. The ads are stored in ad database in association with retailer-defined criteria [13:27-29].

Regarding claims 7, 8, van der Riet teaches that targeted advertising can be sent to the consumers anywhere, anytime via their PC [15:15-16], yet van der Riet does not

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appear to mention the use of email. Official Notice is taken that it is well known for online shopping/advertising systems to include capture of user's email addresses upon registration so that advertising and offers can be sent to the user via email. It would have been obvious to one of ordinary skill at the time of the invention to have communicated the targeted advertising of van der Riet to users using email, as this is a cheap and efficient means of delivering text/image-based advertising and offers.

Regarding claim 15, Hohle et al teaches that the identification card technology may include barcode technology [0028]. Further, Official Notice is taken that magnetic stripe cards and as well as uniquely-assigned drivers licenses are typically used as loyalty cards and it would have been obvious to one of ordinary skill at the time of the invention to have provided either as a means of identifying the consumer.

Response to Arguments

Applicant argues that van der Riet's provisional does not teach offline purchase transactions and does not teach an identification card. Examiner agrees. However, one of ordinary skill would see the benefit taught in Hohle et al (loyalty card tracking of online and offline purchasing) as an obvious improvement to that of van der Riet that would lead to more accurate profiles and therefore more effective advertising targeting.

Applicant broadly argues that 'significant reconstruction' would be required to "modify any system" of van der Riet, yet provides no particular reasoning why this is true and why the significance would be beyond one of ordinary skill.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey D. Carlson whose telephone number is 571-272-6716. The examiner can normally be reached on Monday-Fridays; off alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eric Stamber can be reached on (571)272-6724. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jeffrey D. Carlson/
Primary Examiner, Art Unit 3622

Jeffrey D. Carlson
Primary Examiner
Art Unit 3622

jdc